

Grants Opportunities:

Science & Technology (26)

May 2013

George E. Brown, Jr. Network for Earthquake Engineering Simulation Research (NEESR) Planning Grants

Granting Agency: National Science Foundation

Current Closing Date for Applications: 6/3/2013

Expected Number of Awards: 20

Eligibility: Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in the US, acting on behalf of their faculty members

Estimated Total Program Funding: \$800,0000

CFDA Number: 47.041

Funding Opportunity Number: 13-544

National Science Foundation (NSF) support for operations of the current George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES) ends on September 30, 2014, when the five-year NSF cooperative agreement with Purdue University for NEES operations expires. Under the separate program solicitation NSF 13-537, entitled "George E. Brown, Jr. Network for Earthquake Engineering Simulation Operations FY 2015-FY2019 (NEES2 Ops)", NSF is soliciting proposals to configure and operate the second generation of NEES infrastructure, hereinafter referred to in this solicitation as NEES2. The competed infrastructure includes the management office, experimental facilities, cyberinfrastructure, and education and community outreach. **For more information**, go to

www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13544

Scalable Nanomanufacturing

Granting Agency: National Science Foundation

Current Closing Date for Applications: 6/3/2013

Expected Number of Awards: 6

Eligibility: Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in the US, acting on behalf of their faculty members. Principal Investigators must be at the faculty level or equivalent.

Estimated Total Program Funding: \$5,000,000

CFDA Numbers: 47.041, 47.049

Funding Opportunity Number: 13-545

The National Science Foundation (NSF) announces a third year of a program on collaborative research and education in the area of scalable nanomanufacturing, including the long-term societal implications of the large-scale implementation of nanomanufacturing innovations. This program is in response to and is a component of the National Nanotechnology Initiative Signature Initiative: Sustainable Nanomanufacturing - Creating the Industries of the Future (<http://www.nano.gov/node/611>). Although many nanofabrication techniques have demonstrated the ability to fabricate small quantities of nanomaterials and devices for characterization and

evaluation purposes, the emphasis of this program is on research to overcome the key impediments that prevent the low cost production of useful nanomaterials, devices and systems at industrially relevant scale. **For more information**, go to www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13545

SMALLSAT TECHNOLOGY PARTNERSHIPS

Granting Agency: NASA Ames Research Center

Current Closing Date for Applications: 6/5/2013

Expected Number of Awards: 10

Eligibility: Public and State controlled institutions of higher education; Private institutions of higher education

Estimated Total Program Funding: \$300,000

CFDA Number: 43.009

Funding Opportunity Number: NNA13ZUA001C

The National Aeronautics and Space Administration (NASA) Ames Research Center (ARC) is releasing a Cooperative Agreement Notice (CAN) for Smallsat Technology Partnerships in support of the Small Spacecraft Technology Program in the Space Technology Mission Directorate. The CAN will be available on or around April 2, 2013, by opening the NASA Research Opportunities homepage at <http://nspires.nasaprs.com/> and then linking through the menu listings to "Open Solicitations." Through this CAN, NASA is seeking proposals from colleges and universities across the United States to develop and/or demonstrate new technologies and capabilities for small spacecraft in collaboration with NASA. Projects may be technology development or development of spacecraft or payloads for suborbital, balloon or orbital space flights. NASA intends to enter into cooperative agreements with institutions for selected projects. **For more information**, enter Funding Opportunity Number into www.grants.gov.

ROSES 2013: Laboratory Analysis of Returned Samples

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 6/7/2013

Eligibility: Proposers must be affiliated with a U.S. institution at <http://nspires.nasaprs.com>

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-LARS

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information**, go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

ROSES 2013: Near Earth Object Observations

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 6/7/2013

Eligibility: Proposers must be affiliated with a U.S. institution at <http://nspires.nasaprs.com>.

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-NEOO

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information**, go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

Small Business Innovation Research Program Phase I Solicitation FY-2014

Granting Agency: National Science Foundation

Current Closing Date for Applications: 6/11/2013

Expected Number of Awards: 200

Eligibility: Firms qualifying as a "small business concern" are eligible to participate in the STTR program. Socially and economically disadvantaged small business concerns and women-owned small business concerns are particularly encouraged to participate.

Estimated Total Program Funding: \$30,000,000

CFDA Number: 47.041

Funding Opportunity Number: 13-546

The Small Business Innovation Research (SBIR) Program stimulates technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal research and development needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. The SBIR program solicits proposals from the small business sector consistent with NSF's mission. The program is governed by Public Law 112-81 (SBIR/STTR Reauthorization Act of 2011). A main purpose of the legislation is to stimulate technological innovation and increase private sector commercialization. The NSF SBIR program is therefore in a unique position to meet both the goals of NSF and the purpose of the SBIR legislation by transforming scientific discovery into both social and economic benefit, and by emphasizing private sector commercialization. Accordingly, NSF has formulated broad solicitation topics for SBIR that conform to the high-technology investment sector's interests. The topics are: Biological and Chemical Technologies (BC) Education Applications (EA) Electronics, Information and Communication Technologies (EI) Nanotechnology, Advanced Materials, and Manufacturing (NM) Note: The submission of the same project idea to both this SBIR Phase I solicitation and the concurrent STTR Phase I solicitation is strongly discouraged. **For more information**, go to www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13546

Small Business Technology Transfer Program Phase I Solicitation FY-2014

Granting Agency: National Science Foundation

Current Closing Date for Applications: 6/13/2013

Expected Number of Awards: 50

Eligibility: Firms qualifying as a "small business concern" are eligible to participate in the STTR program. Socially and economically disadvantaged small business concerns and women-owned small business concerns are particularly encouraged to participate.

Estimated Total Program Funding: \$11,250,000

CFDA Number: 47.041

Funding Opportunity Number: 13-547

The Small Business Technology Transfer (STTR) program stimulates technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal research and development needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. The STTR Program requires researchers at universities and other non-profit research institutions to play a significant intellectual role in the conduct of each STTR project. These researchers, by joining forces with a small company, can spin-off their commercially promising ideas while they remain primarily employed at the research institution. The program is governed by Public Law 112-81 (SBIR/STTR Reauthorization Act of 2011). This STTR Phase I solicitation aims at encouraging the commercialization of previously NSF-funded fundamental research (NSF funding lineage). It is highly desirable that the core innovation described in the submitted proposals can in some manner be linked to fundamental research funded by the NSF. **For more information,** go to www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13547

ROSES 2013: Planetary Geology and Geophysics

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 6/14/2013

Eligibility: Proposers affiliated with a US institution at <http://nspires.nasaprs.com>

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-PGG

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information,** go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

ROSES 2013: Astrobiology: Exobiology and Evolutionary Biology

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 6/14/2013

Eligibility: Proposers with a U.S. institution at <http://nspires.nasaprs.com>

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-EXO

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information,** go to

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

ROSES 2013: Cryospheric Science

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 6/17/2013

Eligibility: Proposers affiliated with a US institution at <http://nspires.nasaprs.com>

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-CRYO

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information,** go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

ROSES 2013: Planetary Atmospheres

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 6/21/2013

Eligibility: Proposers affiliated with a US institution at <http://nspires.nasaprs.com>

CFDA Number: 43.001

Funding Opportunity Number: This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information,** go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

ROSES 2103: Terra and Aqua - Algorithms - Existing Data Products

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 7/1/2013

Eligibility: Proposers affiliated with a US institution at <http://nspires.nasaprs.com>

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-TERAQEA

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information,** go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

ROSES 2013: Mars Fundamental Research

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 7/2/2013

Eligibility: Proposers affiliated with a US institution at <http://nspires.nasaprs.com>

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-MFRP

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information**, go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

NSF-CBMS Regional Research Conferences in the Mathematical Sciences

Granting Agency: National Science Foundation

Current Closing Date for Applications: 7/2/2013

Expected Number of Awards: 10

Eligibility: Non-profit, non-academic organizations: Independent museums, observatories, research labs, professional societies and similar organizations in the U.S. associated with educational or research activities; Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in the US, acting on behalf of their faculty members

Estimated Total Program Funding: \$350,000

CFDA Number: 47.049

Funding Opportunity Number: 13-550

The NSF-CBMS Regional Research Conferences in the Mathematical Sciences are a series of five-day conferences each of which features a distinguished lecturer delivering ten lectures on a topic of important current research in one sharply focused area of the mathematical sciences. CBMS refers to the Conference Board of the Mathematical Sciences which publicizes the conferences and administers the resulting publications. Support is provided for about 30 participants at each conference. Proposals should address the unique characteristics of the NSF-CBMS conferences, outlined in the Program Description. **For more information**, go to www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13550

ROSES 2013: NASA Energy and Water Cycle Study

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 7/3/2013

Eligibility: Proposers must be affiliated with a U.S. institution at <http://nspires.nasaprs.com>

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-NEWS

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information**, go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

ROSES 2013: Planetary Astronomy

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 7/7/2013

Eligibility: Proposers must be affiliated with a U.S. institution at <http://nspires.nasaprs.com/> and, in general, NASA provides funding only to US institutions.

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-PAST

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information,** go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

ROSES 2013: Terrestrial Hydrology

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 7/15/2013

Eligibility: Proposers affiliated with a US institution at <http://nspires.nasaprs.com>

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-THP

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information,** go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=open>

Collections in Support of Biological Research

Granting Agency: National Science Foundation

Current Closing Date for Applications: 7/16/2013

Expected Number of Awards: 20

Eligibility: U.S. organizations, including colleges and universities that maintain research collections, natural history museums including herbaria, and other collections administered by independent organizations or by state, county, or local governments; non-federal and non-profit research organizations that maintain collections; and field stations, marine laboratories, botanical gardens, zoological parks, and aquaria that maintain living or vouchered research collections significant to the NSF BIO-funded research community

Estimated Total Program Funding: \$6,000,000

CFDA Number: 47.074

Funding Opportunity Number: 13-557

The Collections in Support of Biological Research (CSBR) Program provides funds: 1) for improvements to secure, improve, and organize collections that are significant to the NSF BIO-funded research community; 2) to secure collections-related data for sustained, accurate, and efficient accessibility of the collection to the biological research community; and 3) to transfer

collection ownership responsibilities. The CSBR program provides for enhancements that secure and improve existing collections, result in accessible digitized specimen-related data, and develop better methods for specimen curation and collection management. Requests should demonstrate a clear and urgent need to secure the collection, and the proposed activities should address that need. Biological collections supported include established living stock/culture collections, vouchered non-living natural history collections, and jointly-curated ancillary collections such as preserved tissues and DNA libraries. **For more information**, go to www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13557

EAR Postdoctoral Fellowships

Granting Agency: National Science Foundation

Current Closing Date for Applications: 7/18/2013

Expected Number of Awards: 10

Eligibility: Proposals must be submitted by individuals, affiliate with an institution (e.g. colleges and universities, privately-sponsored nonprofit institutes and museums, government agencies and laboratories) anywhere in the world. Either currently be a graduate student or, at the deadline date, have served in a position requiring the doctoral degree for no more than 18 full-time-equivalent months since earning the degree.

Estimated Total Program Funding: \$87,000

CFDA Number: 47.050

Funding Opportunity Number: 13-548

The Division of Earth Sciences (EAR) awards Postdoctoral Fellowships to recent recipients of doctoral degrees for research and training in topics relevant to Earth sciences. The fellows must develop and implement 1) research projects that seek to address scientific questions within the purview of EAR programs and 2) plans to broaden participation in Earth sciences. The program supports researchers for a period of up to 2 years with fellowships that can be taken to the institution of their choice (including facilities abroad). The program is intended to recognize beginning investigators of significant potential, and provide them with research experience, mentorship, and training that will establish them in leadership positions in the Earth Sciences community. Because the fellowships are offered only to postdoctoral scientists early in their career, doctoral advisors are encouraged to discuss the availability of EAR postdoctoral fellowships with their graduate students early in their doctoral programs. Fellowships are awards to individuals, not institutions, and are administered by the Fellows. **For more information**, go to www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13548

Materials Research Science and Engineering Center

Granting Agency: National Science Foundation

Current Closing Date for Applications: 8/26/2013

Expected Number of Awards: 10

Eligibility: Academic institutions in the US with broad programs in materials research and education

CFDA Number: 47.049

Funding Opportunity Number: 13-556

Materials Research Science and Engineering Centers (MRSECs) provide sustained support of interdisciplinary materials research and education of the highest quality while addressing

fundamental problems in science and engineering. MRSECs address research of a scope and complexity requiring the scale, synergy, and interdisciplinarity provided by a campus-based research center. They support materials research infrastructure in the United States, promote active collaboration between universities and other sectors, including industry and international institutions, and contribute to the development of a national network of university-based centers in materials research, education, and facilities. A MRSEC may be located at a single institution, or may involve multiple institutions in partnership. **For more information**, go to www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13556

Engineering and Systems Design

Granting Agency: National Science Foundation

Current Closing Date for Applications: 10/1/2013

Eligibility: Unrestricted

CFDA Number: 47.041

Funding Opportunity Number: PD-13-1464

The Engineering and Systems Design (ESD) program supports descriptive and normative research leading to a theory of engineering design and an understanding of systems engineering. The program is focused on gaining an understanding of the basic processes and phenomena underlying a view of design where the system life-cycle context informs the identification and definition of preferences, analysis of alternatives, effective accommodation of uncertainty in decision-making, and the relationship between data, information, and knowledge in a digitally-supported environment. The program funds advances in a descriptive understanding of design and basic design theory that span multiple domains, such as the relationship of systems to the environment, the significance of manufacturability, and the range of complexity from small designed artifacts to large engineered systems. Fundamental research in system science and system engineering theory should be submitted to the System Science (SYS) program. Research in which the primary contribution is observation and description of systems engineering should be submitted to the ESD program, and should identify the System Science program as a secondary program. **For more information**, go to www.nsf.gov/funding/pgm_summ.jsp?pims_id=13340

LIGO Research Support

Granting Agency: National Science Foundation

Current Closing Date for Applications: 10/30/2013

Eligibility: Unrestricted

CFDA Number: 47.049

Funding Opportunity Number: PD-13-1252

The Gravitational Physics program supports research at the frontiers of science aimed towards answering questions about the nature of space and time, the gravitational attraction at atomically small and cosmological large distances and the use of gravitational waves to explore the universe. The LIGO Research Support program oversees the commissioning and operation of the Laser Interferometer Gravity Wave Observatory (LIGO), and provides support for LIGO users and other experimental investigations in gravitational physics and related areas. This includes tasks that range from instrument science, data analysis and detector characterization to source population calculations and the connection between the gravitational waves and the

electromagnetic and neutrino signatures of astrophysical events. In addition, the program supports infrastructure activities such as short- and long-term visitor programs, workshops, and research centers involving the participation of external scientists from universities, national laboratories, and industry, as well as graduate students and postdoctoral fellows. **For more information**, go to www.nsf.gov/funding/pgm_summ.jsp?pims_id=504855

Fluid Dynamics

Granting Agency: National Science Foundation

Current Closing Date for Applications: 2/20/2014

Expected Number of Awards: 86

Eligibility: Unrestricted

Estimated Total Program Funding: \$9,175,000

CFDA Number: 47.041

Funding Opportunity Number: PD-14-1443

The Fluid Dynamics program supports fundamental research and education on mechanisms and phenomena governing fluid flow. Proposed research should contribute to basic understanding; thus enabling the better design; predictability; efficiency; and control of systems that involve fluids. Encouraged are proposals that address innovative uses of fluids in materials development; manufacturing; biotechnology; nanotechnology; clinical diagnostics and drug delivery; sensor development and integration; energy and the environment. While the research should focus on fundamentals, a clear connection to potential application should be outlined. **For more information**, go to www.nsf.gov/funding/pgm_summ.jsp?pims_id=13365

Particulate and Multiphase Processes

Granting Agency: National Science Foundation

Current Closing Date for Applications: 2/20/2014

Expected Number of Awards: 113

Eligibility: Unrestricted

Estimated Total Program Funding: \$8,285,000

CFDA Number: 47.041

Funding Opportunity Number: PD-14-1415

The Particulate and Multiphase Processes program supports fundamental and applied research on phenomena governing particulate and multiphase processes, including flows of suspensions of particles, drops or bubbles, granular and granular-fluid flows, flow behavior of micro or nano-structured fluids, aerosol science and technology, and self- and directed-assembly processes involving particulates. Innovative research is sought that contributes to improving the basic understanding, design, predictability, efficiency, and control of particulate and multiphase processes with particular emphasis on: novel manufacturing techniques, multiphase systems of relevance to energy harvesting, multiphase transport in biological systems or biotechnology, and environmental sustainability. Collaborative and interdisciplinary proposals are encouraged; proposals that include a combination of experimental and theoretical approaches are more likely to receive funding than solely experimentally oriented work. Highly reviewed projects generally demonstrate a strong scientific basis together with clear practical applications. **For more information**, go to www.nsf.gov/funding/pgm_summ.jsp?pims_id=13364

DRL Internet Freedom Annual Program Statement for Internet Freedom Technology

Granting Agency: Bureau of Democracy, Human Rights and Labor

Current Closing Date for Applications: 2/28/2014

Eligibility: Public and State controlled institutions of higher education; Nonprofits with or without a 501(c)(3) status with the IRS; Private institutions of higher education; For profit organizations; Small businesses

Estimated Total Program Funding: \$2,500,000

CFDA Number: 19.345

Funding Opportunity Number: DRLA-DRLAQM-13-032

Funding for programs that support Internet freedom under the "Governing Justly and Democratically" Foreign Assistance program objective. DRL invites organizations interested in potential funding to submit statements of interest (SOI) outlining program concepts and capacity to manage projects that will foster freedom of expression and the free flow of information on the Internet and other connection technologies around the world. This announcement does not constitute a formal Request for Proposals: DRL will invite select organizations that submit SOIs to expand on their ideas via full proposal separately. This solicitation is focused only on aspects of Internet freedom programming related to technology development. Statements of Interest related to the digital safety, advocacy or research will be accepted through a separate solicitation. As this is an Annual Program Statement, SOI submissions will be reviewed on at least a quarterly basis according to the following deadlines: May 31, 2013 August 30, 2013 November 29, 2013 February 28, 2014. **For more information,** go to

www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=17641

ROSES 2013: Fellowships for Early Career Researchers

Granting Agency: NASA Headquarters

Current Closing Date for Applications: 3/31/2014

Eligibility: Proposers must be affiliated with a U.S. institution at <http://nspires.nasaprs.com>.

CFDA Number: 43.001

Funding Opportunity Number: NNH13ZDA001N-ECF

This NASA Research Announcement (NRA) solicits proposals for supporting basic and applied research and technology across a broad range of Earth and space science program elements relevant to one or more of the following NASA Research Programs: Earth Science, Heliophysics, Planetary Science, and Astrophysics. **For more information,** go to

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={01BFD3EE-87EF-FC55-1F52-EB37A9F139F0}&path=opec>